

SYSTEM AND METHOD FOR RUNTIME  
REALLOCATION OF PLD RESOURCES

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ABSTRACT

A system and method for allocating resources of programmable logic devices (PLDs) according to activity level. In various embodiments, the activity levels of functions implemented on the PLDs are monitored. When decreasing and/or increasing activity levels are detected, the PLD resources are reallocated between the various functions in proportion to the decreasing and/or increasing activity levels.